



Project Fact Sheet

Southeast Geysers Effluent Injection System (SGEIS), Phase 2, Basin 2000

GOAL

- To increase effluent wastewater injection to the Geysers geothermal steamfield for additional power generation.



PROJECT DESCRIPTION

The purpose of this project is to extend the Phase 1 pipeline from the Lakeport Northwest Regional Treatment Plant to the Clearlake Southeast Regional Treatment Plant, and increase secondarily treated effluent injection volume in the pipeline up to design capacity. Phase 2 project addresses the serious decline of the Geysers reservoir geothermal resources that support power plant electricity production and will increase power output by approximately 10 to 20 MW.



BENEFITS TO CALIFORNIA

This project will:

- Lower power generation costs due to fluid-use improvements that will enhance the competitiveness of several Geysers power plants, and extend the productive life of the steamfield.
- Increase power output by approximately 10 MW to 20 MW improve quality of injection fluid and steam, and reduce air pollution abatement costs.
- Maintain and strengthen California's

leadership in public/private geothermal partnerships between local communities and geothermal industry.

- Envisioned to create 130 construction jobs with a \$16 million payroll.
- Contribute \$1 million spent for construction-related local goods and services.
- Retaining 85 local jobs and enabling growth of 150 jobs per year.
- Local county revenues of \$150,000 annually through 2019.

FUNDING AMOUNT

Commission	\$5.5 million
Match	\$22.5 million

PROJECT STATUS

Completed.

FOR MORE INFORMATION

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